

What is claimed is:

1. An optical semiconductor device, comprising:
an optical semiconductor chip sealed in a surrounding soft
resin;
5 a holder formed around said soft resin and integrally with
a lead frame; and
a covering lens composed of a transparent resin, harder
than said soft resin, wherein said holder has an aperture
configured to relieve a state of hermetic sealing for said soft
10 resin and formed in a direction that imposes no optical influence
on a function of said optical semiconductor chip.
2. The optical semiconductor device according to claim
1, wherein said lead frame protrudes into said aperture of said
15 holder so as to occupy an inner rim of said aperture at a ratio
below 1/2 in length.